

JFW



PATENT  
Attorney Docket No. 0275A-001091/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Alan PHILLIPS et al.

CONF. NO.: 4331

SERIAL NO.: 10/782,400

GROUP: 2837

FILED: February 18, 2004

EXAMINER: Unknown

FOR: AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER  
CURRENT IN POWER TOOLS

**REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER OF ATTORNEY,  
AND CHANGE IN CORRESPONDENCE ADDRESS**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Dear Sir:

The Assignee of the above-identified patent application, Black & Decker Inc., having a business office at Drummond Plaza Office Park, 1207 Drummond Plaza, Newark, Delaware 19711, as evidenced by the attached Statement Under 37 C.F.R. §3.73(b) and attachments thereto, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints John D. DelPonti, Reg. No. 24,258; Charles E. Yocum, Reg. No. 30,121 and Adan Ayala, Reg. No. 38,373 of The Black & Decker Corporation, 701 East Joppa Road, Towson, Maryland 21286, telephone (410) 716-3900; and Christopher M. Brock, Reg. No 27,313, Terry L. Clark, Reg. No. 32,644, Herman R. Heflin, III, Reg. No. 41,060, Matthew J. Lattig, Reg. No. 45,274, and all individuals assigned to Customer No. 30593, as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent.

The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 8910  
Reston, VA 20195

**Customer Number 30593**

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

5-31-05

Date



Signature

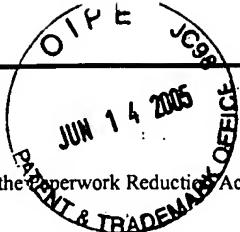
Adan Ayala

Typed or printed name

Senior Group Patent Counsel, Black & Decker Inc.

Title

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Black & Decker Inc.Application No./Patent No.: 10/782,400 Filed/Issued Date: February 18, 2004Entitled: Amperage Control for Protection of Battery Over Current in Power Tools

Black & Decker Inc. corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

States that it is :

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_, Frame \_\_\_\_\_, a copy of which is attached hereto.

OR

B.  A Chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Alan Phillips and Julie L. Jones (Inventors) To: Porter-Cable Corporation  
 The document was recorded in the United States Patent and Trademark Office at Reel 015351, Frame 0819, a copy of which is attached hereto.
2. From: Porter-Cable Corporation To: Black & Decker Inc.  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
4. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6.13.05

Date

Matthew J. Lattig, Reg. No. 45,274

Typed or printed name

Signature

Attorney of Record

Title



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 12, 2004

PTAS



\*102751504A\*

SUITER WEST PC LLO  
14301 FNB PARKWAY  
SUITE 220  
OMAHA, NE 68154

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/21/2004

REEL/FRAME: 015351/0819  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: PC 02-8-2

ASSIGNOR:  
PHILLIPS, ALAN

DOC DATE: 03/10/2004

ASSIGNOR:  
JONES, JULIE L.

DOC DATE: 03/11/2004

ASSIGNEE:  
PORTER-CABLE CORPORATION  
4825 HIGHWAY 45  
JACKSON, TENNESSEE 38305

SERIAL NUMBER: 10782400  
PATENT NUMBER:  
TITLE: AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER CURRENT IN POWER  
TOOLS

FILING DATE: 02/18/2004  
ISSUE DATE:

015351/0819 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

1-31-92

Docket No. PC 02-8-2



05-25-2004



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

102751504

S.21.04

## 1. Name of conveying party(ies):

Alan Phillips                    Julie L. Jones  
 4825 Highway 45 North      77 Chickering Road  
 Jackson, TN 38305            Jackson, TN 38305

Additional name(s) of conveying party(ies) attached?

YES     NO

## 2. Name and address of receiving party(ies):

Porter-Cable Corporation  
 4825 Highway 45  
 Jackson, TN 38305

Additional name(s) and Address(es) attached?:

YES     NO

## 3. Nature of conveyance:

Assignment                     Merger                     Security Agreement  
 Change of Name             Other \_\_\_\_\_

Execution Date: March 10, 2004 and March 11, 2004

## 4. Application number(s) or patent number(s):

Serial N° 10/782,400 Filed: February 18, 2004

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

10/782,400

## B. Patent No.(s)

Additional numbers attached:  YES     NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 23531

SUITER • WEST PC LLO

Sean Patrick Suiter

14301 FNB Parkway, Suite 220

Omaha, Ne 68154-5299

6. Total number of applications and patents involved: **ONE**

7. Total fee (37 CFR 3.41) **\$ 40.00**

Authorized to be charged to deposit account 19-4882.

(Attach duplicate copy of this page if paying by deposit account).

DO NOT USE THIS SPACE

05/25/2004 LMUELLER 00000077 194882 10782400

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Chad W. Swantz, Reg. No. 46,329

DATE: May 19, 2004

Total number of pages including cover sheet: **ONE (1)**

Please return signed/Recorded to:

**CUSTOMER NO. 23531**

Sean Patrick Suiter  
Suiter • West PC LLO  
14301 FNB Parkway, Suite 220  
Omaha, NE 68154-5299

**ASSIGNMENT OF U.S. PATENT APPLICATION**  
(sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) Alan Phillips
- 2) Julie L. Jones

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent  
(a) \_\_\_\_\_ which was executed and is being filed herewith in the United States Patent and  
Trademark Office  
(b) \_\_\_\_\_ which was filed on \_\_\_\_\_ and titled  
(c) X which was filed on February 18, 2004 and known as Appln. No. \_\_\_\_\_  
\_\_\_\_\_, titled AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER  
CURRENT IN POWER TOOLS

AND WHEREAS, Porter-Cable Corporation (hereinafter ASSIGNEE), a corporation organized and existing under the laws of Minnesota, and having its principal place of business at 4825 Highway 45 North, Jackson, TN 38305, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world

including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of Suiter • West PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Signed at Jackson, in the County of Madison, State of TN  
\_\_\_\_\_, this 10 day of March, 2004.

Alan Phillips  
Alan Phillips

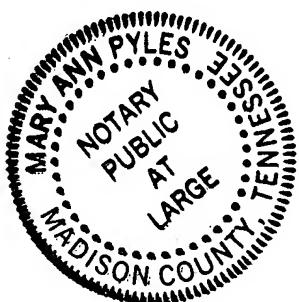
STATE OF Tennessee,  
COUNTY OF Madison,

I, Mary Ann Pyles, a Notary Public in and for the County and State aforesaid, (my Commission expires on 01/21/08) do hereby certify that Alan Phillips personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10th day of March, 2004.

(SEAL)

Mary Ann Pyles  
Notary Public



Signed at Jackson, in the County of Madison, State of TN  
\_\_\_\_\_, this 11th day of March, 2004.

Julie L. Jones  
Julie L. Jones

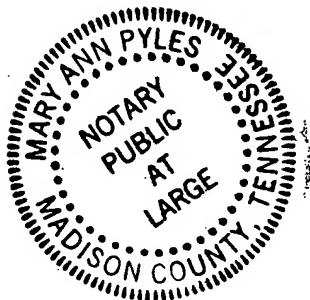
STATE OF Tennessee,  
COUNTY OF Madison,

I, Mary Ann Pyles, a Notary Public in and for the County and State aforesaid, (my Commission expires on 1/21/08) do hereby certify that Julie L. Jones personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 11th day of March, 2004.

(SEAL)

Mary Ann Pyles  
Notary Public



**ASSIGNMENT OF UNITED STATES PATENTS**

**AND PATENT APPLICATIONS**

WHEREAS, Porter-Cable Corporation, a corporation organized and existing under the laws of Delaware, having its principal office address at 4825 Highway 45 North, Jackson, TN 38305, (hereinafter, the "Assignor"), is the owner of the United States Patents and Patent Applications all of the foregoing being more specifically identified in Table 1 attached hereto; and

WHEREAS, Black & Decker Inc., a corporation organized and existing under the laws of the State of Delaware, United States of America, having its principal office at Drummond Plaza Office Park, 1207 Drummond Plaza, Newark, Delaware 19711 (hereinafter, the "Assignee"), is acquiring the entire right, title and interest of the Assignor in and to said United States Patents and Patent Applications identified in Table 1 attached hereto in accordance with the terms of a Purchase Agreement dated July 16, 2004 between The Black & Decker Corporation and Pentair, Inc. (the "Purchase Agreement").

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration not herein specifically enumerated, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto said Assignee, its successors, assigns or other legal representatives, Assignor's entire right, title and interest in and to the Patents and Patent Applications and any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereto, its entire right, title and interest in and to, together with all claims of Assignor for profits and damages by reason of past infringement, if any, of said Patents and

Patent Applications, with the right to sue for and collect the same of Assignee's own use and advantage and for the use and advantage of its successors, assigns or other legal representatives.

This Assignment is being executed in connection with the closing of the Purchase Agreement.

IN WITNESS WHEREOF, the Assignor has caused this instrument to be signed by a duly authorized corporate officer and its corporate seal to be hereto affixed.

October 2, 2004  
Date

PORTER-CABLE CORPORATION

By:

*Louis L Ainsworth*  
Name: Louis L. Ainsworth  
Title: Secretary

STATE OF Wisconsin)  
COUNTY OF Milwaukee) ss

On this 2<sup>nd</sup> day of October, 2004, before me, Jessica Lochmann, personally appeared Louis L. Ainsworth who acknowledged himself to be a Secretary of the Porter-Cable Corporation and is authorized to execute documents on behalf of the corporation.

(SEAL)

*Jessica S. Lochmann*

Notary Public

My commission expires is permanent

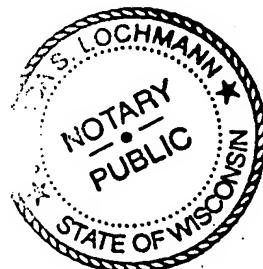


TABLE 1

Utility CIP	103801273	US	Greater Capacity Cutting Saw	Pending	Porter-Cable Corporation
Provisional	60347662	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Provisional	60346685	US	Oil Free Head Valve for Pneumatic Nailers and Staplers	Pending	Porter-Cable Corporation
Provisional	60346684	US	Personalized Combo Kit of Tools and Accessories	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10382400	US	Amperage Control for Protection of Battery Over Current in Power Tools	Pending	Porter-Cable Corporation
Provisional	60350846	US	Miter Saw Work Piece Stop Assembly	Pending	Porter-Cable Corporation
Provisional	60350845	US	Wrench-Less Collet System for Power Tools	Pending	Porter-Cable Corporation
Design	29198534	US	Router with Plunge Base	Pending	Porter-Cable Corporation
Design	29198524	US	Router	Pending	Porter-Cable Corporation
	10766482	US	In-Line Sander	Pending	Porter-Cable Corporation
Provisional	60533834	US	Construction Element Location Device	Pending	Porter-Cable Corporation
Provisional	60533645	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Design CIP	29196743	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Provisional	60531730	US	GFCI Protective Device	Pending	Porter-Cable Corporation
Utility CIP Provisional Conversion	10769479	US	Quick Change Fastener Assembly	Pending	Porter-Cable Corporation
Provisional	60531730	US	Ergonomic Router Assembly	Pending	Porter-Cable Corporation
Utility CIP	10760235	US	Refillable Gas Propelled Fastener System	Pending	Porter-Cable Corporation
Provisional	60525199	US	Handle Assembly	Pending	Porter-Cable Corporation
Utility CIP	10750637	US	Integrated Battery Charging Work Light Electrical Distribution System	Pending	Porter-Cable Corporation
Provisional	60525392	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Design	29194366	US	Power Tool Case Protection and Display System	Pending	Porter-Cable Corporation
Provisional	60523724	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Design	29194381	US	Greater Capacity Cutting Saw	Allowed	Porter-Cable Corporation
Utility Provisional Conversion	10717987	US	Sander Having Variable Position Handle	Abandoned	Porter-Cable Corporation
Provisional	60516144	US	Variable Dust Chute for Circular Saws	Pending	Porter-Cable Corporation
Provisional	60516143	US	Tool and Accessory Case	Pending	Porter-Cable Corporation
Provisional	60511870	US	Blade Clamp Assembly	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10687542	US	Blade Clamp Assembly	Pending	Porter-Cable Corporation

Provisional	60467169	US	Router	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10413455	US	Modular Assisted Visualization System	Pending	Porter-Cable Corporation
Utility CIP Conversion	10409695	US	Battery Powered Router	Pending	Porter-Cable Corporation
Provisional Original Conversion	10409535	US	Wireless Electrical Control System	Pending	Porter-Cable Corporation
Utility Provisional Conversion	604453815	US	Keyless Shoe Lock for Reciprocating Saw	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10384510	US	Router Base Securing Mechanism	Pending	Porter-Cable Corporation
Utility Provisional Conversion	60448267	US	Amperage Control for Protection of Battery Over Current in Power Tools	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10398286	US	Quick Change Fastener Assembly	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10361544	US	Offset Base Router	Pending	Porter-Cable Corporation
Provisional	60440130	US	Jobsite Radio	Expired	Porter-Cable Corporation
Provisional	60437302	US	Clutch Cam Assembly	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10322044	US	Router Handgrip Device	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10301213	US	Sleeve Design with Reinforced Tape	Pending	Porter-Cable Corporation
Provisional	60427647	US	Greater Capacity Cutting Saw	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10293749	US	Detachable Wrench Handle Assembly	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10292171	US	Router Safety Device	Pending	Porter-Cable Corporation
Provisional	60422378	US	Method for Indicating Required Compressor Pressure When Using High Pressure Nail Gun	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10283590	US	Adjustable Grasping Assembly for Tools	Pending	Porter-Cable Corporation
Provisional	60418967	US	Wrenchless Blade Clamp	Converted	Porter-Cable Corporation
Provisional	60418510	US	Router	Converted	Porter-Cable Corporation
Provisional	60417946	US	Keyless Shoe Lock for Reciprocating Saw	Converted	Porter-Cable Corporation
Provisional Original Conversion	60416071	US	Right Angle Router	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10264024	US	Router Plunge Depth Adjustment Mechanism	Pending	Porter-Cable Corporation
Provisional	60414200	US	Modular Assisted Visualization System	Converted	Porter-Cable Corporation
Provisional	60411563	US	Nailer	Converted	Porter-Cable Corporation
Provisional	60404634	US	Rotatable Handle for Power Tools	Transferred	Porter-Cable Corporation
Provisional	60403133	US	Sleeve Design with Reinforced Tape	Converted	Porter-Cable Corporation